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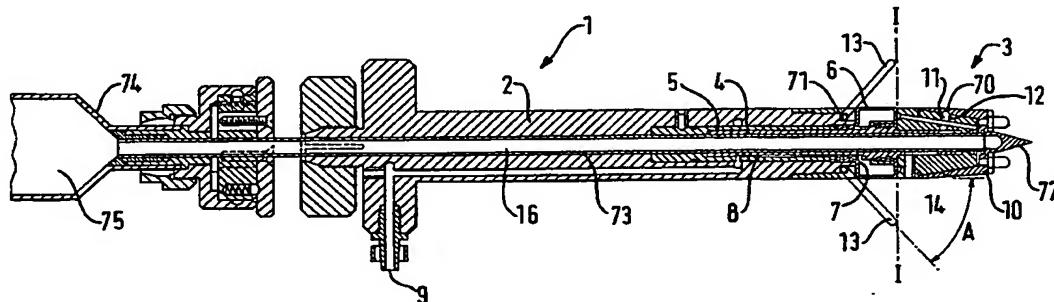
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(54) Title: METHOD AND APPARATUS FOR DELIVERING CEMENT TO BONES AND/OR POSITIONING COMPONENTS



(57) Abstract: A cement delivery device (1), having a generally elongate construction, is provided. The cement delivery device (1) has main body (2) with a placement head (3) mounted at a distal end of the body (2) arranged to fit with a cup shaped component (10) of a joint prosthesis. Tubes (4) and (5) form part of a cement delivery passage (16) along the longitudinal central axis of the cement delivery device (1). Between the head (3) and the body (2), an annular seal (6) extends around the tube (4) of the head (3), which seal is collapsible and expandable to facilitate insertion of the device (1) through a narrow opening or bore and subsequent expansion of the seal to suitable dimensions when the device (1) has been inserted. The seal (6) comprises an annular or doughnut shaped balloon (6) extending around the tube (4). A tool is also provided for placement of a component in a cavity in a bone, which tool carries an annular seal similar to that of the cement delivery device (1), but which is used to place a component in and seal a cavity in which cement has already been provided.

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